

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP 2004/008855

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> B24B37/00 , B24B37/04 , H01L21/304

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> B24B37/00 , B24B37/04 , H01L21/304

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 Japanese Utility Model Gazette 1922-1996, Japanese Publication of Unexamined Utility Model  
 Applications 1971-2004, Japanese Registered Utility Model Gazette 1994-2004, Japanese Gazette  
 Containing the Utility Model 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2002-187060 A (EBARA CORPORATION) 02.07.2002, Claims, [0042], [0060], fig.1-3 & EP 1197292 A2	1-18
Y	US 5559428 A (INTERNATIONAL BUSINESS MACHINES CORPORATION) 24.09.1996, Whole Documents & JP 8-285514 A	1-18
Y	JP 2003-106805 A (EBARA CORPORATION) 09.04.2003, Whole Documents, especially [0011] - [0013], [0017], [0034] & EP 1201365 A2	6, 13
Y	US 6383058 B1 (APPLIED MATERIALS, INC.) 07.05.2002, Whole Documents & JP 2001-257187 A	10
Y	US 5644221 A (INTERNATIONAL BUSINESS MACHINES CORPORATION) 01.07.1997, Whole Documents & JP 9-330893 A	11

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

\* Special categories of cited documents:

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"&amp;" document member of the same patent family

Date of the actual completion of the international search

14.10.2004

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